

Claims 1-5 (previously canceled).

Claim 6 (previously amended). A system for producing ozone through corona discharge comprising a) an electrostatic device used in the production of ozone comprising at least one metallic sharp-tipped component mounted on a metallic surface which in turn is mounted on an insulator, and b) a stream source of negatively charged fly ash particles configured to impart sufficient charge to said at least one metallic sharp-tipped component to generate an electric field thereto to produce ozone through corona discharge thereby ozonizing said fly ash particles.

Claim 7 (previously amended): The system of claim 6 wherein the metallic surface is cylindrical and metal-tipped components surround the cylindrical surface.

Claim 8 (previously amended): The system of claim 6 wherein the metallic sharp-tipped component is a spike coming to a sharp point or a wire coming to a sharp point.

Claim 9 (previously amended): The system of claim 6 set in a pipe for receiving said stream source of negatively charged fly ash particles and wherein a baffle has been placed up-stream of the system to prevent fly ash abrasion of the metal components of system.

Claims 10 - 13 (canceled).

It is requested that the claims as herein presented by entered. By the entry of the claims, only allowed claims will be of record. Claim 9 was indicated as being allowable if the rejection under 35 U.S.C. § 112 second paragraph was overcome and the rejection is now, in fact, overcome.

By the cancelation of claims 1-5 and 10-13, only allowed claims are now of record.

It is noted that a telephone conversation was had with Examiner Mayekar on May 5, 2004 to discuss the herein proposed amendment.

A petition for a one month extension accompanies this response.

Summary

Claims 6-9 are allowed.

Claims 1-5 and 10-13 are canceled.

In view of the fact that only allowed claims remain of record, it is requested that this application be passed to issue.

All outstanding issues have been addressed. This application is now in condition for allowance.

Respectfully submitted,

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Date

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SR/jjr (05/11/04)

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